

# ABSTRACT

The present invention is directed to a substantially  
pure protein that has cytostatic but not cytotoxic  
5 activity. The invention also provides a continuous cell  
line that produces the protein, and methods for its  
purification. The invention is also directed towards the  
use of the inhibitory protein, both in vitro and in vivo,  
in reducing the proliferation of bone marrow cells and  
10 leukocytes, modulating inflammation, as well as in  
immunosuppression and the treatment of cancer.